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(54) Mobile station, base station and mobile communication system with transmission power control

(57) A mobile station (M) receives a transmission power control command transmitted over a forward-link from a base station (S) for making a reception condition of a reverse-link at the base station (S) substantially fixed. A reception quality estimation section (12) of the mobile station (M) estimates the reception quality of the transmission power control command, and a transmis-

sion power control section (13) controls the transmission power with a control width varied in response to the reception quality estimated by the reception quality estimation section. Even if the communication condition of the forward-link becomes unfavorable, the transmission power of the mobile station (M) is prevented from being displaced by a great amount in a direction different from the instruction from the base station (S).

FIG. 1

